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Commissioner for Patents  
PO Box 1450  
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**Mail Stop: Amendment**

Re: U.S. Utility Patent Application  
Appl. No.: 10/674,070; Filed: September 30, 2003  
For: **Methods and Systems to Compensate for a Stitching Disturbance of a Printed Pattern in a Maskless Lithography System Utilizing Overlap of Exposure Zones with Attenuation of the Aerial Image in the Overlap Region**

Inventors: Arno BLEEKER *et al.*  
Our Ref: 1857.2090000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Amendment & Reply Under 37 C.F.R. § 1.111; and
2. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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DJF/TAW:ddc  
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Arno BLEEKER *et al.*

Appl. No.: 10/674,070

Filed: September 30, 2003

For: **Methods and Systems to Compensate for  
a Stitching Disturbance of a Printed  
Pattern in a Maskless Lithography  
System Utilizing Overlap of Exposure  
Zones with Attenuation of the Aerial  
Image in the Overlap Region**

Confirmation No.: 1211

Art Unit: 2851

Examiner: Nguyen, Hung

Atty. Docket: 1857.2090000

**Amendment and Reply Under 37 C.F.R. § 1.111**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated July 27, 2004, Applicants submit the following Amendment and Remarks. This Amendment is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, amendments to the specification by presenting replacement paragraphs marked up to show changes made;
- (C) Starting on a separate sheet, a complete listing of all of the claims:
  - in ascending order;
  - with status identifiers; and
  - with markings in the currently amended claims;
- (D) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying

this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.